



Appendix A

List of system components produced
when barcode 3X2JY is entered via site:
<http://support.dell.com/support/yourdell.asp>

Specifications: OmniPlex 5xx/ME

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Microprocessor

Microprocessor type	Intel® Pentium®
Microprocessor speeds	60 and 66 MHz <u>90/60 and 100/66 MHz internal/external</u>
Internal cache:	
code	8 KB
data	8 KB
External cache	256 KB
Math coprocessor	internal
Microprocessor upgrades	none

System Information

System chip set	Intel 82430LX
Data bus width	64 bits
Address bus width	32 bits
DMA channels	7
Timers	3
Interrupt levels	15
Flash EPROM	yes
BIOS type	(2) Intel 28F001B Flash RAM
Serial port UART	16550 compatible
SCSI type	PCI Fast SCSI-2
SCSI controller	NCR 53C810
CTP	varies depending on processor

Expansion Bus

Bus type	EISA and PCI
PCI standard	2.0
Expansion slots	(5) (<u>5 EISA/2 PCI</u>)
EISA bus speed	8.33 MHz
EISA data transfer rate	33 MB/sec (burst mode)
PCI bus speed	30 or 33 MHz (half of system speed)
PCI data transfer rate	132 MB/sec (burst mode)

Cache Memory

External cache	256 KB
Cache method	direct-mapped, write-back
Cache operation clocks:	
Burst read	3-1-1-1
Burst write	3-1-1-1
Pipelined burst read	3-1-1-1/1-1-1-1
Pipeline read after write	3-1-1-1/2-1-1-1
Cache speed	9 ns
Chip type	32 KB x 18 synchronous SRAM

Memory

Architecture	page mode
Wait states	near 0
SIMM sockets	6
SIMM capacities	4-, 8-, 16-, and 32-MB
SIMM type	36-bit parity (also accepts ECC SIMMs)
Standard RAM	8 MB
Maximum RAM	192 MB
Memory access time	70 ns
External cache	256 KB
BIOS address	FFFF0000h
BIOS cache	set via System Setup

SCSI

SCSI type	PCI Fast SCSI-2
SCSI controller	NCR 53C810
SCSI data transfer rate	10 MB/sec

Drives

Externally accessible bays	(3) 5.25-inch bays
Internally accessible bays	(2) 3.5-inch bays

Ports

Externally accessible:	
Serial (DTE)	(2) 9-pin connectors (16550-compatible)
Parallel	(1) 25-hole connector (bidirectional) (AT- and PS/2-compatible)

Video	(1) 15-hole connector
PS/2-style keyboard	(1) 6-pin mini-DIN
PS/2-compatible mouse	(1) 6-pin mini-DIN
Internally accessible:	
IDE hard-disk drive	40-pin connector
SCSI host adapter	50-pin connector
Diskette drive	34-pin connector
VGA feature connector	26-pin connector

Video

Video type	PCI local bus VGA
Video chip set	ATI Mach32 68800AX
Data width	32 bit
Video memory chip	256 KB x 8 VRAM, 70 ns
Standard video memory	1 MB
Maximum video memory	2 MB

Maximum Resolution

Colors	1-MB Video Memory	2-MB Video Memory
16	1280 x 1024	1280 x 1024
256	1024 x 768	1280 x 1024
32 K	800 x 600	1024 x 768
64 K	800 x 600	1024 x 768
16 M	640 x 480	640 x 480

Processing-Speed Key Combinations

There is no keyboard speed toggle on this system.

System-Function Key Combinations

<Ctrl><Alt>	restarts (reboots) the computer
<Ctrl><Alt><Enter>	starts System Setup program (MS-DOS® only)

Power

NVRAM backup battery	4.5-V alkaline
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DC power supply:
Wattage 225 W
Voltage 115 V at 60 Hz/230 V at 50 Hz

Physical

Height	15.37 cm (6.05 inches)
Width	42.1 cm (16.56 inches)
Depth	41.3 cm (16.25 inches)
Weight	10.9 kg (24 lb) (2 diskette drives and 1 hard-disk drive installed)

Environmental

Temperature:	
Operating	10 to 35C (50 to 95F)
Storage	-40 to 65C (-40 to 149F)
Relative humidity	8% to 80% (noncondensing)
Vibration:	
Operating	0.25 G at 3 to 300 Hz for 15 minutes
Storage	0.5 G at 3 to 300 Hz for 15 minutes
Shock:	
Operating	5 G for 11 ms
Storage	20 G with a velocity change of 1397 mm/sec
Altitude:	
Operating	-16 to 3048 m (-50 to 10,000 ft)
Storage	-16 to 10,600 m (-50 to 35,000 ft)
Acoustics:	
Noise level	50 dBA
Reliability:	
MTBF	10,000 POH